

This work introduces fundamental and alternative definition of Weil pairing and proves their equivalence. The alternative definition is more advantageous for the purpose of computing. We assume basic knowledge of elliptic curves in the affine sense. We explain the  $K$ -rational maps and its generalization at the point at infinity, rational map. The proof of equivalence of the two mentioned definitions is based upon the Generalized Weil Reciprocity, which uses a concept of local symbol. The text follows two articles from year 1988 and 1990 written by L. Charlap, D. Robbins a R. Coley, and corrects a certain imprecision in their presentation of the alternative definition.